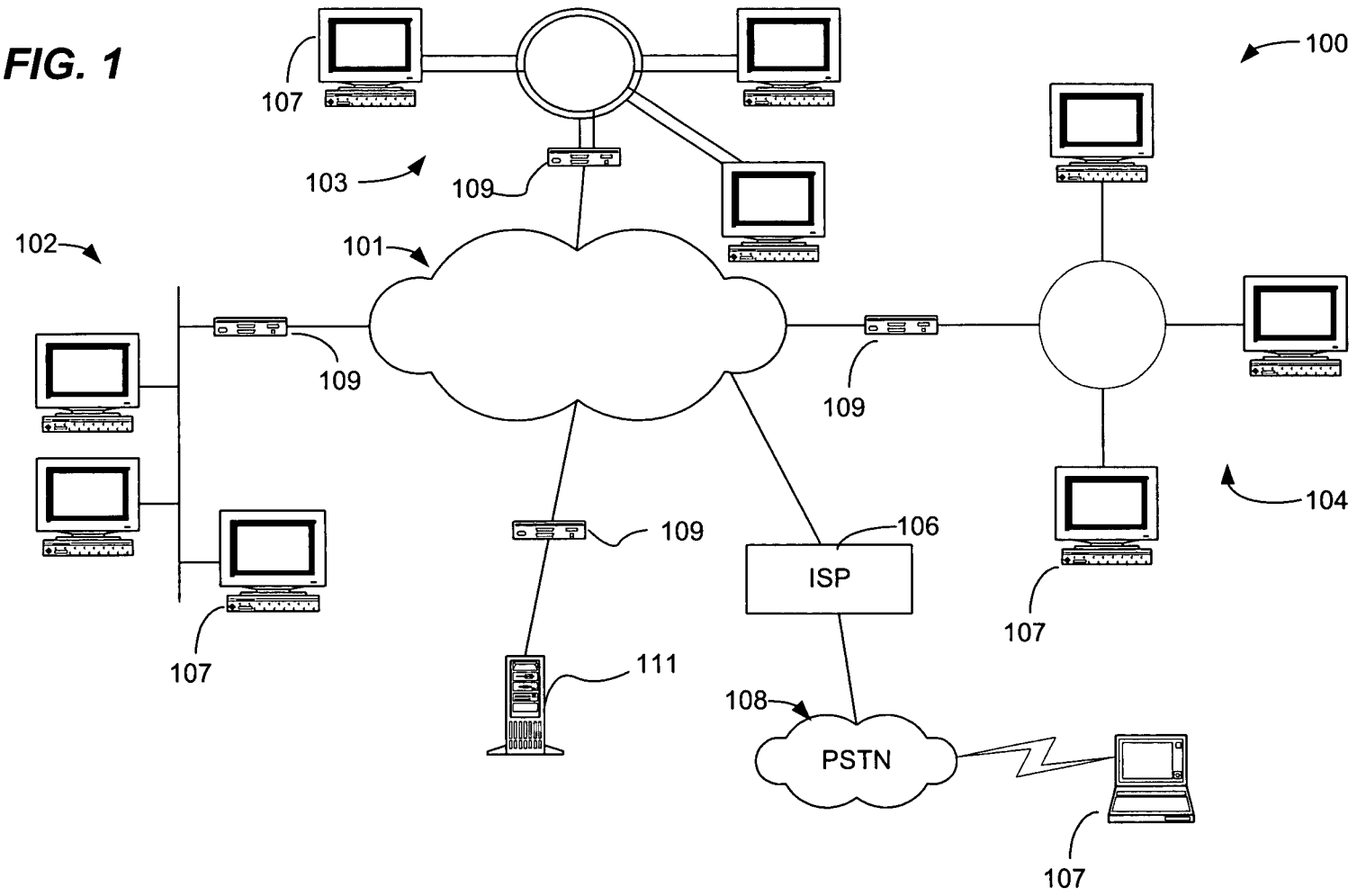
FIG. 1



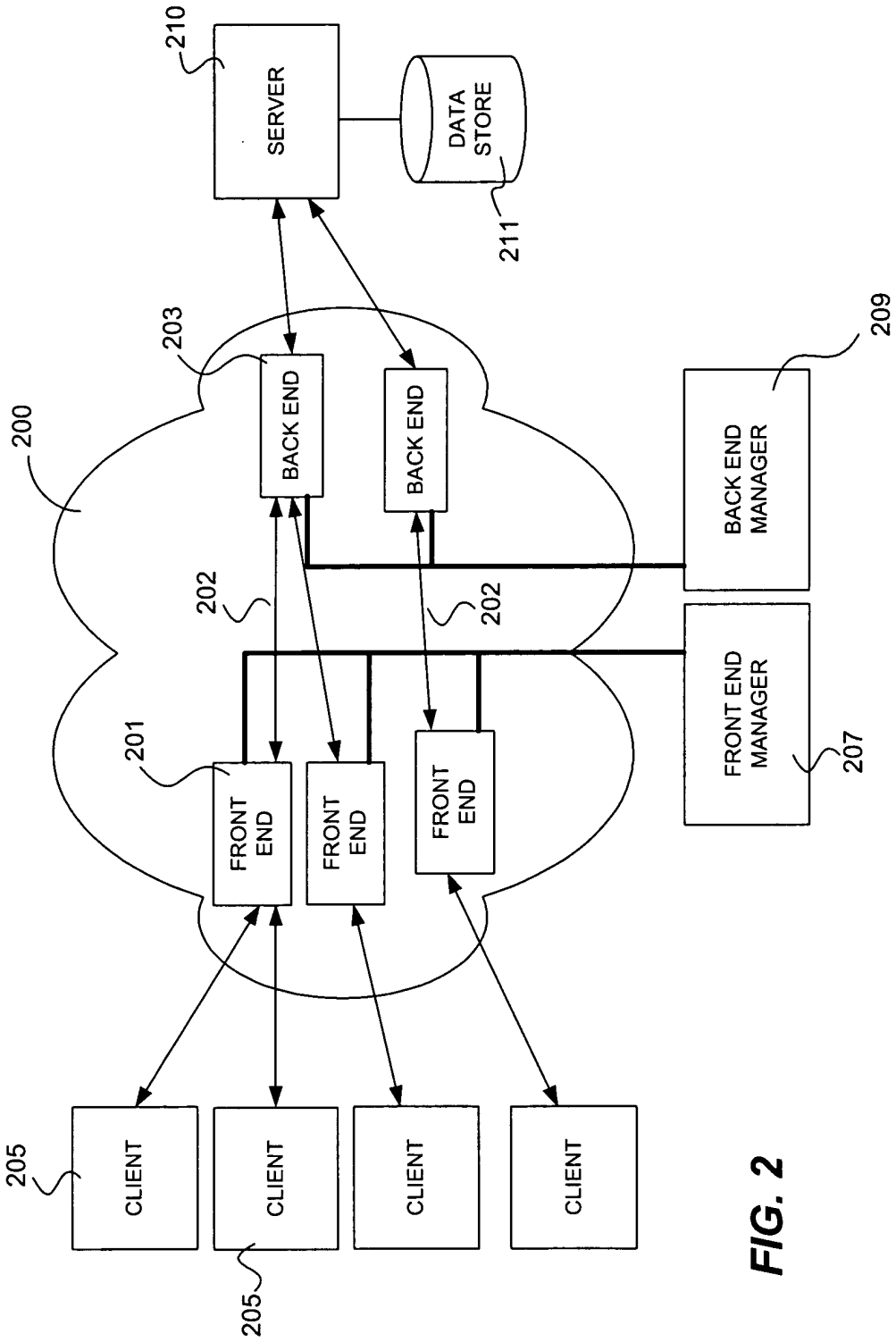

210
SERVER
DATA STORE
211
203
BACK END
BACK END
200
209
BACK END MANAGER
202
202
201
FRONT END
FRONT END
FRONT END
FRONT END MANAGER
207
205
CLIENT
CLIENT
CLIENT
CLIENT
205

FIG. 2

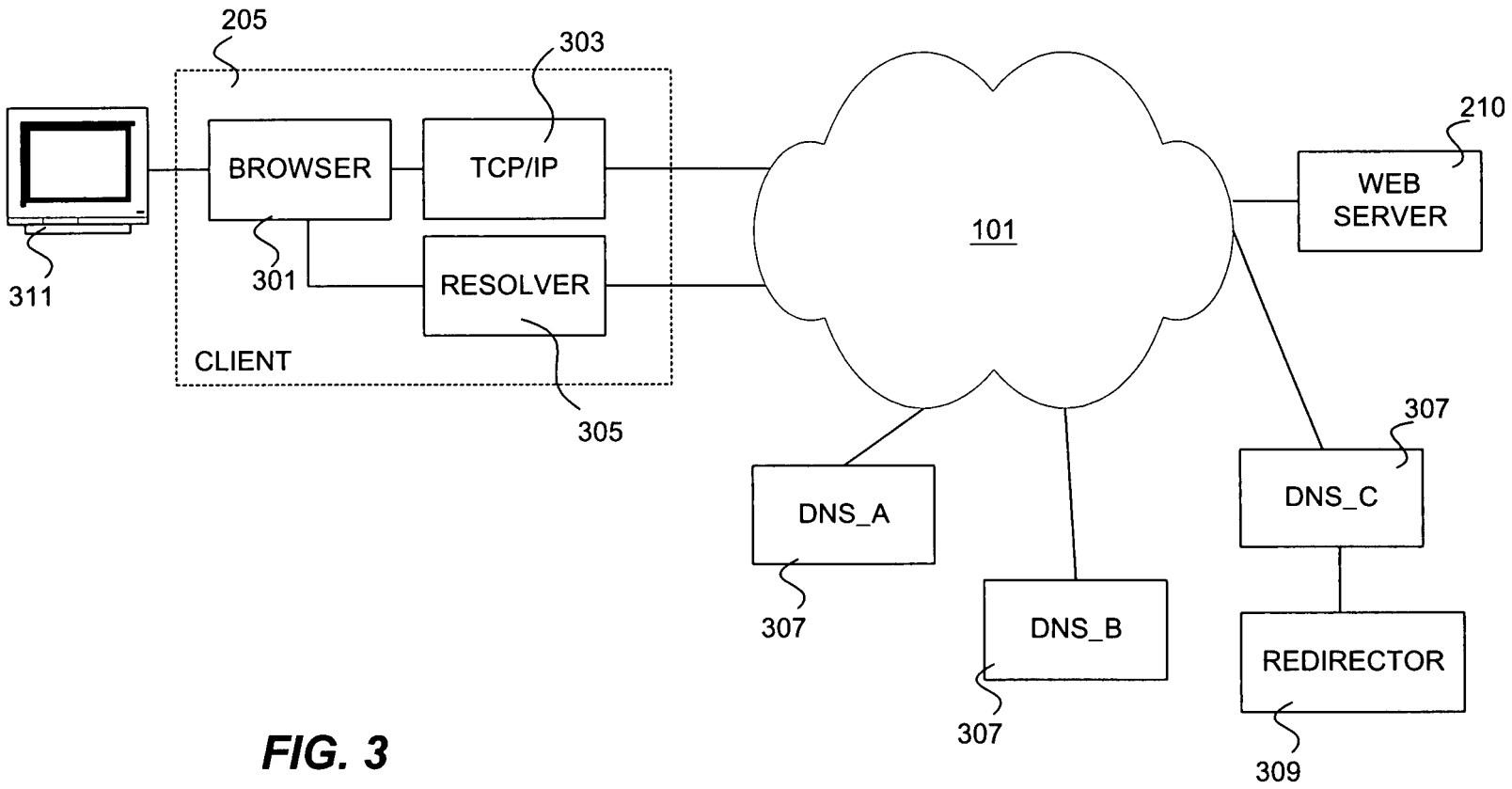

205
303
BROWSER
TCP/IP
311
301
RESOLVER
CLIENT
305
101
210
WEB
SERVER
307
DNS_C
DNS_A
307
DNS_B
307
REDIRECTOR
309

FIG. 3

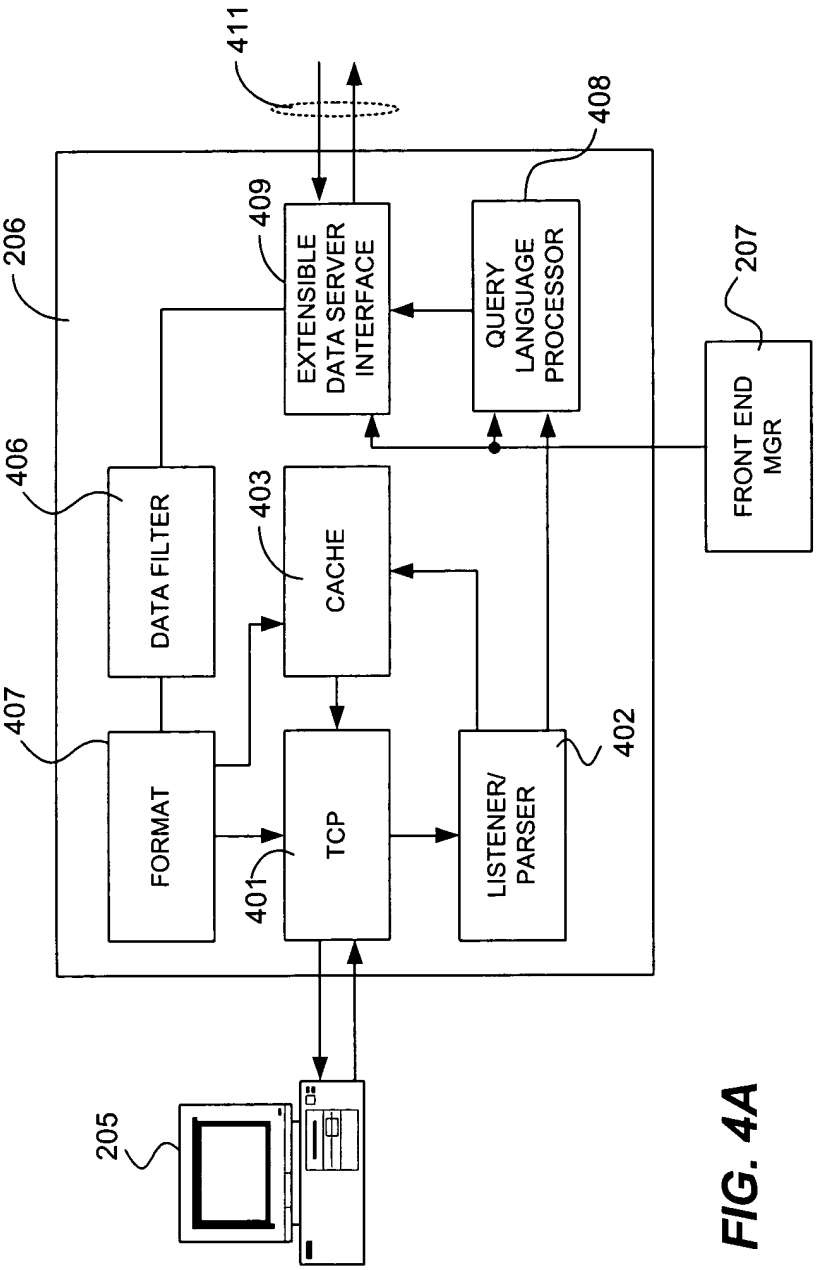

411
408
409
206
EXTENSIBLE DATA SERVER INTERFACE
QUERY LANGUAGE PROCESSOR
207
FRONT END MGR
406
403
DATA FILTER
CACHE
407
FORMAT
TCP
LISTENER/ PARSER
402
401
205

FIG. 4A

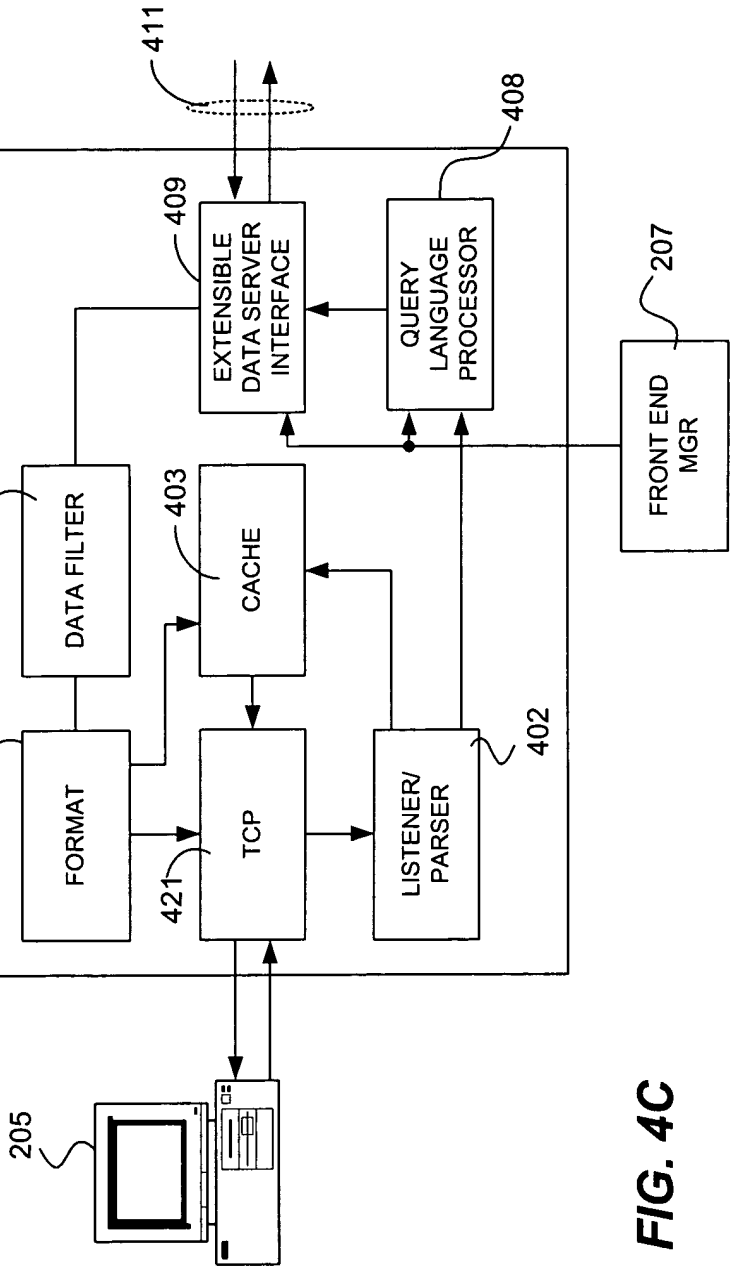

411
408
409
206
EXTENSIBLE DATA SERVER INTERFACE
QUERY LANGUAGE PROCESSOR
207
FRONT END MGR
406
403
DATA FILTER
CACHE
407
FORMAT
TCP
LISTENER/ PARSER
402
421
205

FIG. 4C

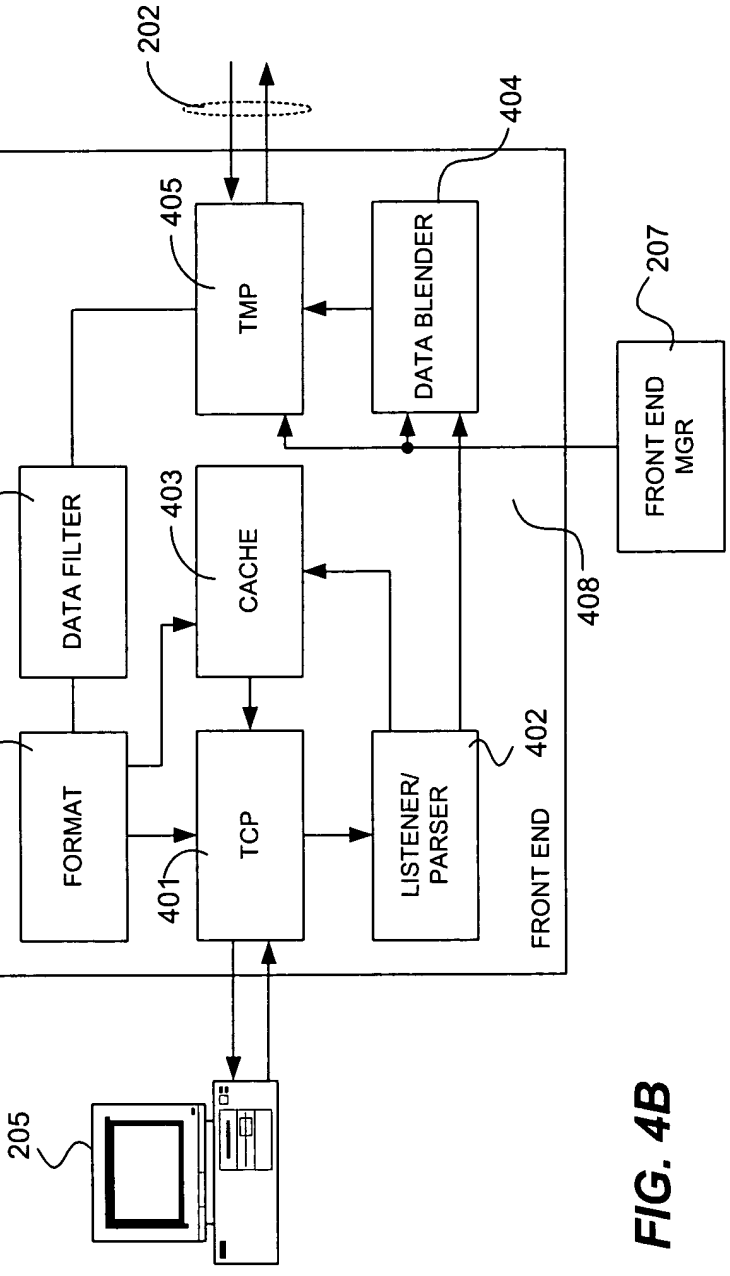

202
201
404
405
TMP
DATA BLENDER
207
FRONT END MGR
406
DATA FILTER
403
CACHE
408
407
FORMAT
TCP
LISTENER/ PARSER
402
FRONT END
401
205

FIG. 4B

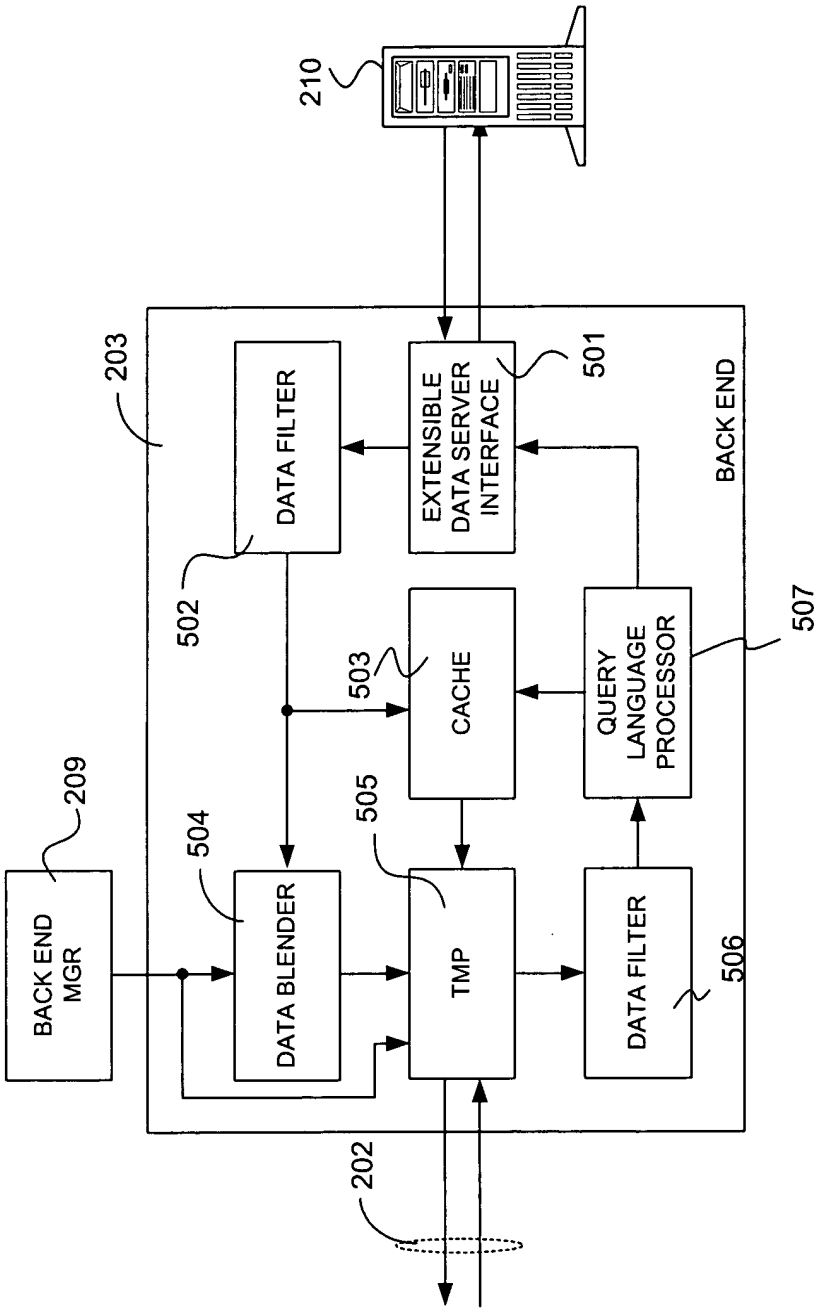

210
203
DATA FILTER
EXTENSIBLE DATA SERVER INTERFACE
501
BACK END
502
503
CACHE
QUERY LANGUAGE PROCESSOR
507
209
504
505
BACK END MGR
DATA BLENDER
TMP
DATA FILTER
506
202

FIG. 5

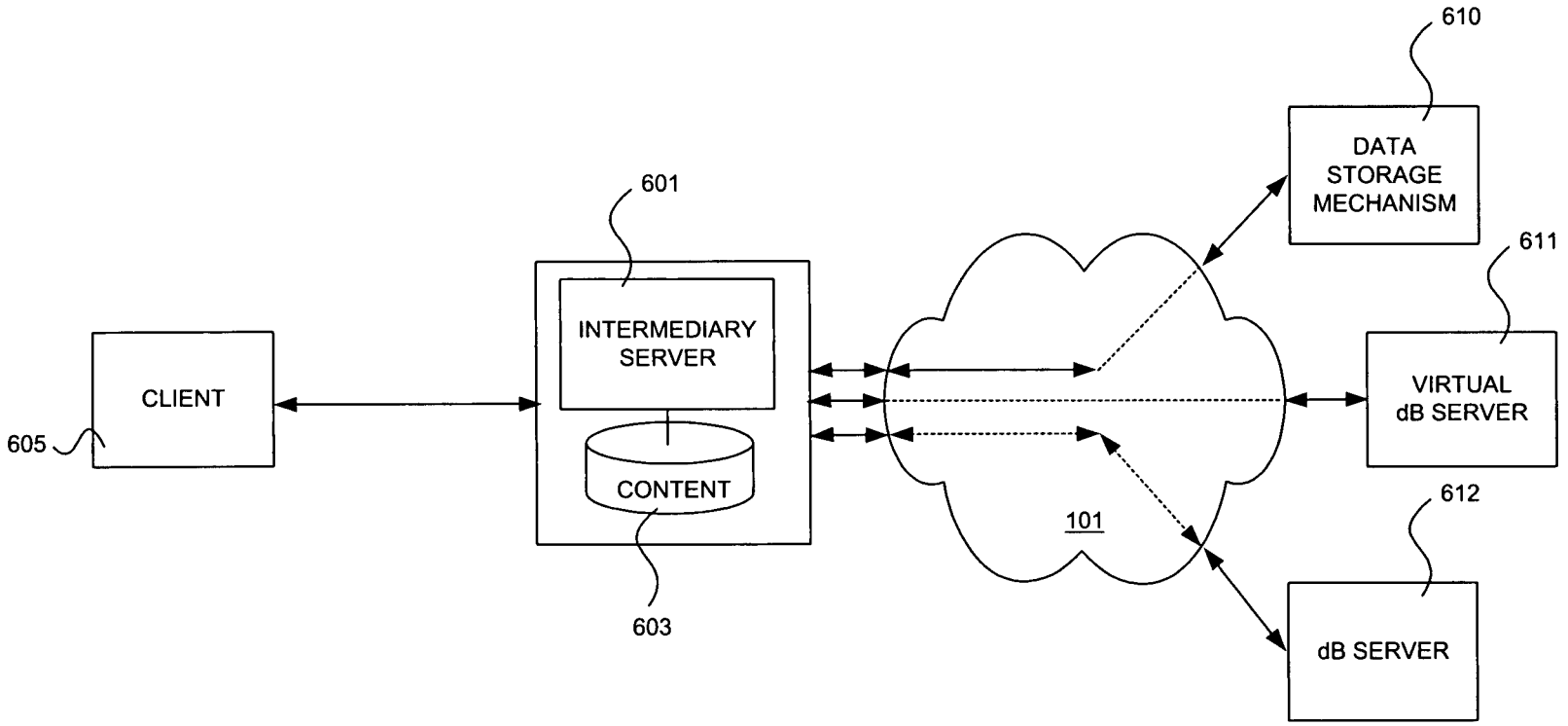

610
DATA STORAGE MECHANISM
601
611
INTERMEDIARY SERVER
CLIENT
VIRTUAL dB SERVER
605
CONTENT
101
612
603
dB SERVER

FIG. 6